

Attachment G  
Industrial Pretreatment Program Annual Report  
NPDES Permit No. MA0103284  
Boston, MA

The information described below shall be included in the pretreatment program annual reports:

1. An updated list of all industrial users by category, as set forth in 40 CFR 403.8(f)(2)(i), indicating compliance or noncompliance with the following:
  - i. Baseline monitoring reporting requirements for newly promulgated industries,
  - ii. Compliance status reporting requirements for newly promulgated industries,
  - iii. Periodic (semi-annual) monitoring reporting requirements,
  - iv. Categorical standards, and
  - v. Local limits;
2. A summary of compliance and enforcement activities during the preceding year, including the number of
  - i. Significant industrial users inspected by POTW (include inspection dates for each industrial user),
  - ii. Significant industrial users sampled by POTW (include sampling dates for each industrial user),
  - iii. Compliance schedules issued (include list of subject users),
  - iv. Written notices of violations issued (include list of subject users),
  - v. Administrative orders issued (include list of subject users),
  - vi. Criminal or civil suits filed (include list of subject users) and,
  - vii. Penalties obtained (include list of subject users and penalty amounts);
3. A list of significantly violating industries required to be published in a local newspaper in accordance with 40 CFR 403.8(f)(2)(vii);
4. A narrative description of program effectiveness and present and proposed changes to the program, such as funding, staffing, ordinances, regulations, rules and/or statutory authority;
5. A summary of all pollutant analytical results for influent, effluent, sludge and any toxicity or bioassay data from the wastewater treatment facility. The summary shall include a comparison of influent sampling results versus threshold inhibitory concentrations for the MWRA wastewater treatment system and effluent sampling results versus water quality standards. Such a comparison shall be based on the sampling program described in the paragraph below or any similar sampling program described in this Permit.

At a minimum, annual sampling and analysis of the influent and effluent of the MWRA's Wastewater Plant shall be conducted for the following pollutants:

- |                    |                   |
|--------------------|-------------------|
| a.) Total Cadmium  | f.) Total Nickel  |
| b.) Total Chromium | g.) Total Silver  |
| c.) Total Copper   | h.) Total Zinc    |
| d.) Total Lead     | i.) Total Cyanide |
| e.) Total Mercury  | j.) Total Arsenic |

The sampling program shall consist of one 24-hour flow-proportioned composite and at least one grab sample that is representative of the flows received by the POTW. The composite shall consist of hourly flow-proportioned grab samples taken over a 24-hour period if the sample is collected manually or shall consist of a minimum of 48 samples collected at 30 minute intervals if an automated sampler is used. Cyanide shall be taken as a grab sample during the same period as the composite sample. Sampling and preservation shall be consistent with 40 CFR Part 136.

6. A detailed description of all interference and pass-through that occurred during the past year;
7. A thorough description of all investigations into interference and pass-through during the past year;
8. A description of monitoring, sewer inspections and evaluations which were done during the past year to detect interference and pass-through, specifying parameters and frequencies;
9. A description of actions being taken to reduce the incidence of significant violations by significant industrial users; and,
10. The date of the latest adoption of local limits and an indication as to whether or not the Authority is under a State or Federal compliance schedule that includes steps to be taken to revise local limits.
11. Information on any new introduction of pollutants into MWRA's sewer system from a user which would be subject to section 301 or 306 of the Clean Water Act if it were directly discharging those pollutants and on any substantial change in the volume or character of pollutants being introduced into MWRA's sewer system by a user. For purposes of this paragraph, adequate notice shall include information on the quality and quantity of effluent introduced into MWRA's sewer system and any anticipated impact of the change on the quantity or quality of effluent to be discharged from MWRA's treatment plant.